

FIG. 1A

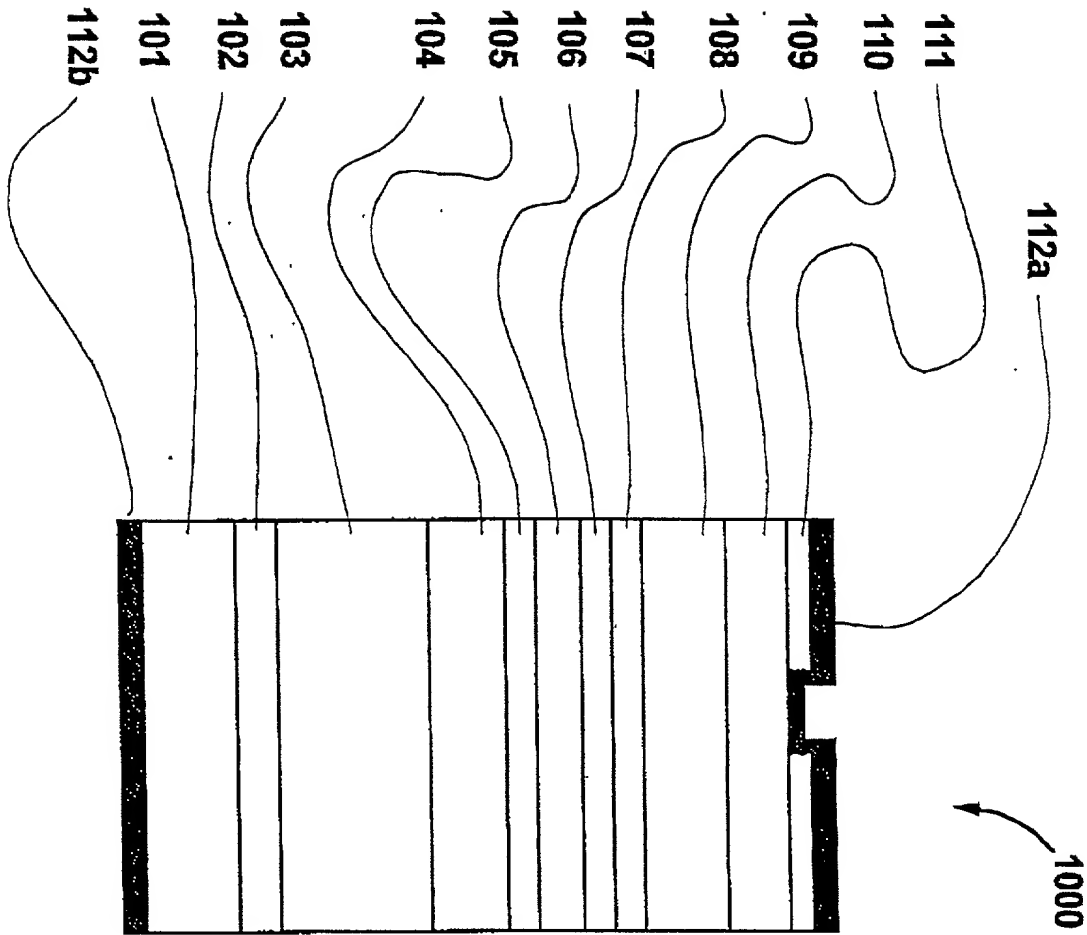


FIG. 1B

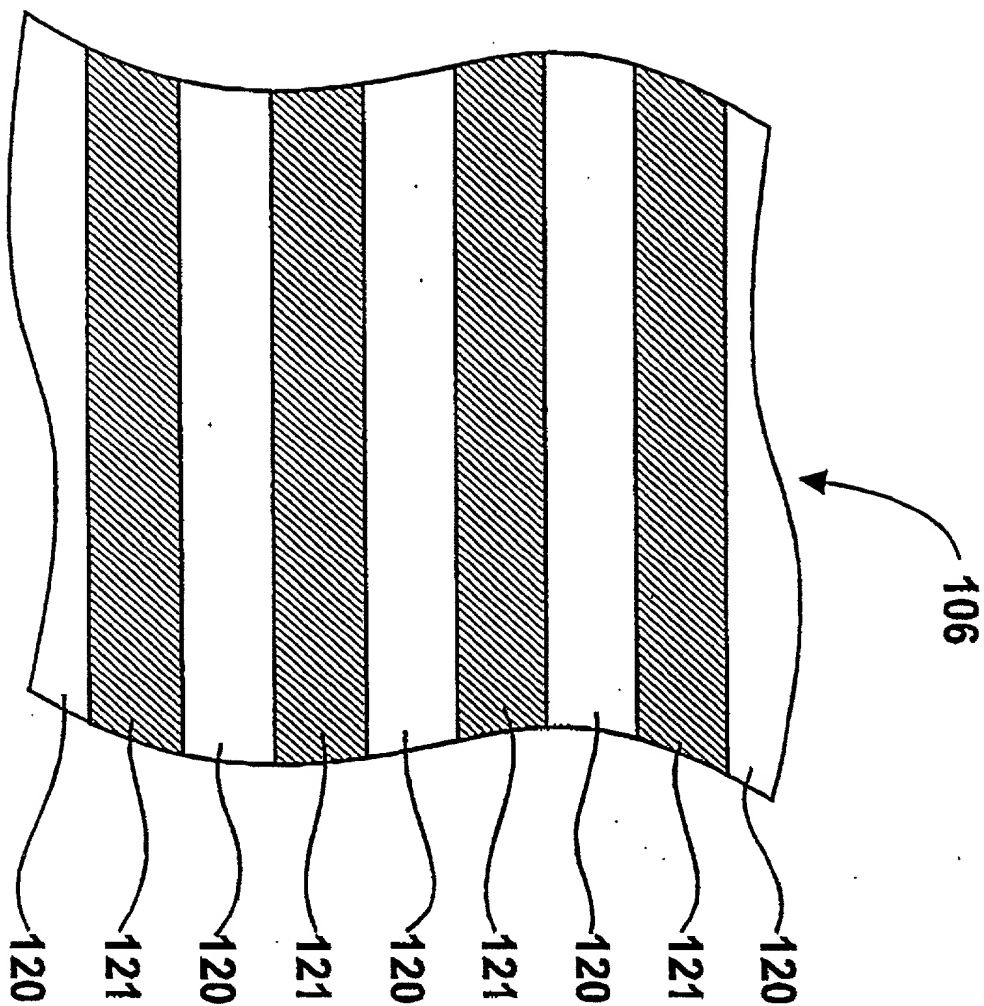


FIG. 1C

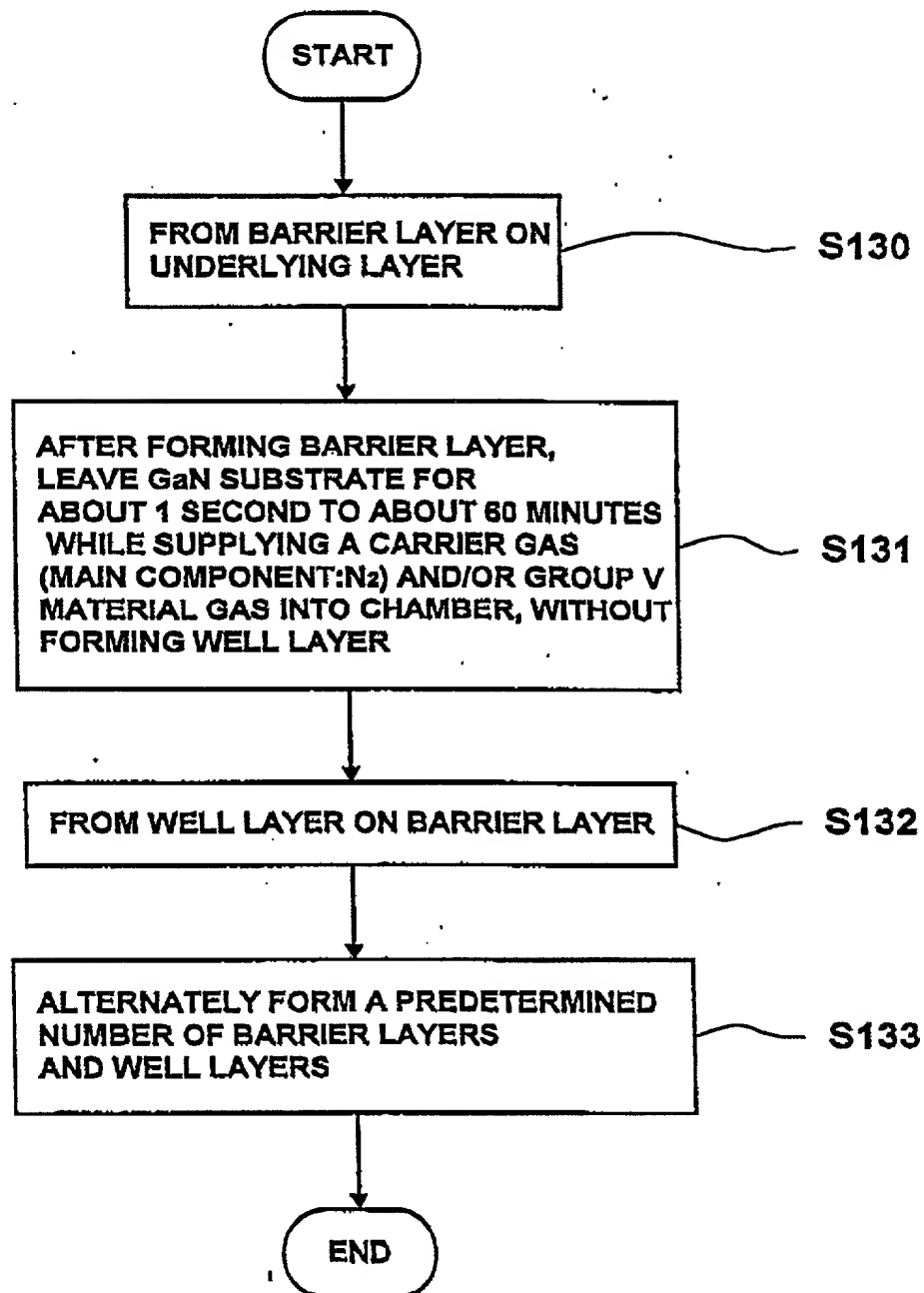


FIG. 1D

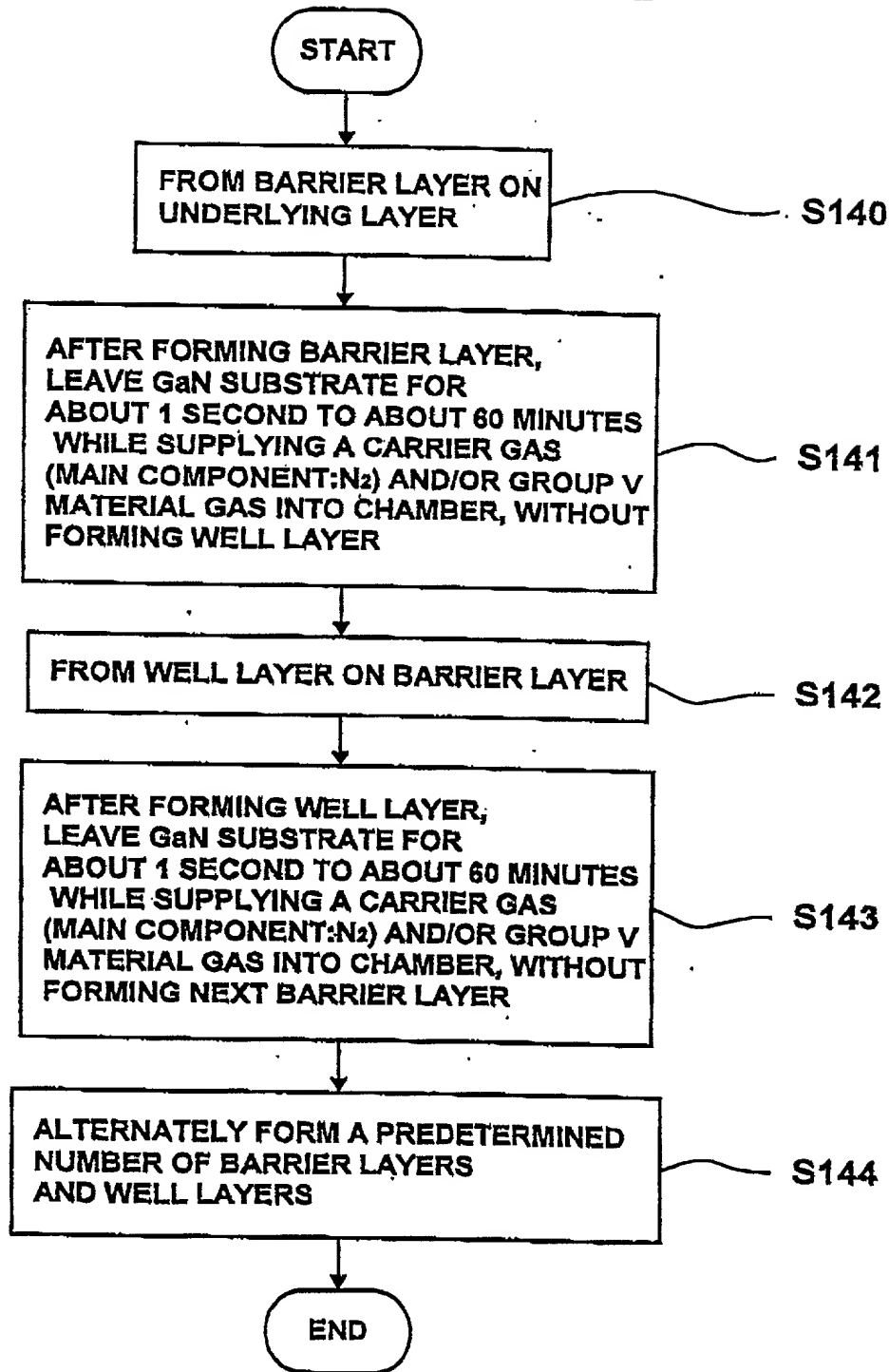


FIG. 2

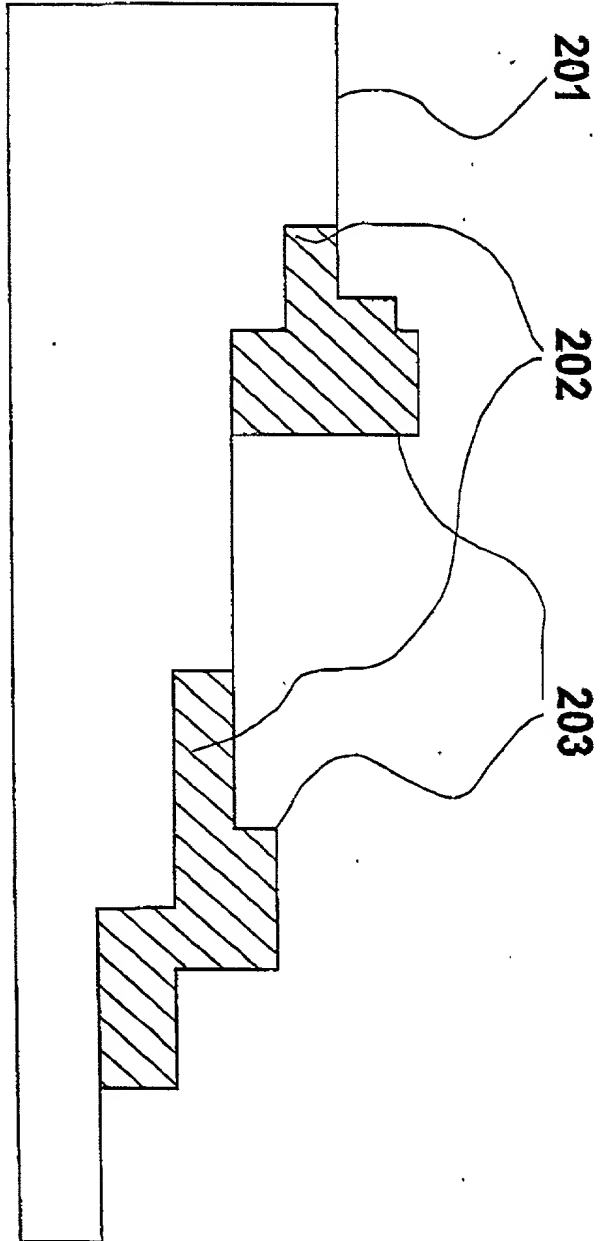


FIG. 3

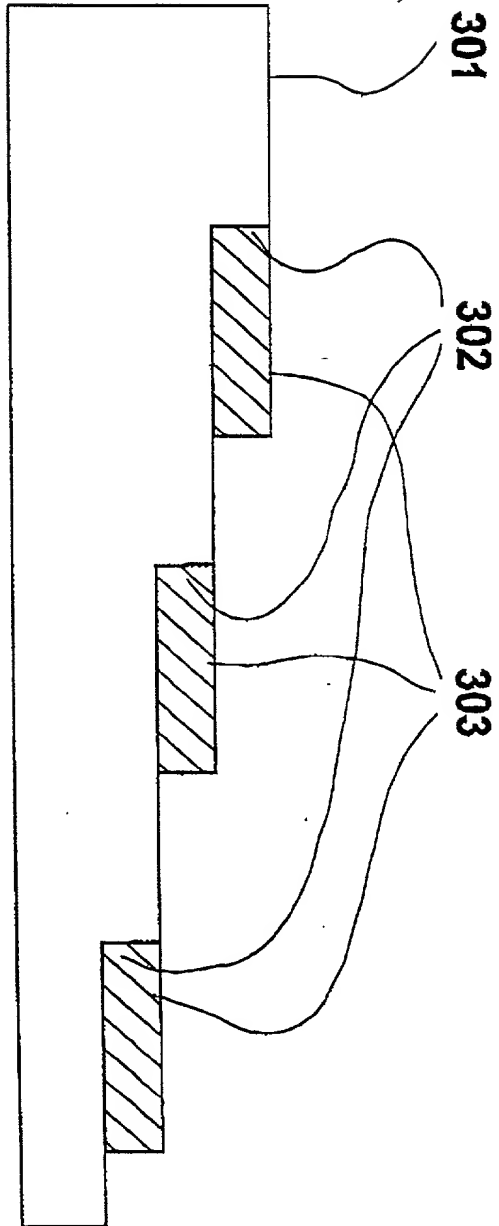


FIG. 4

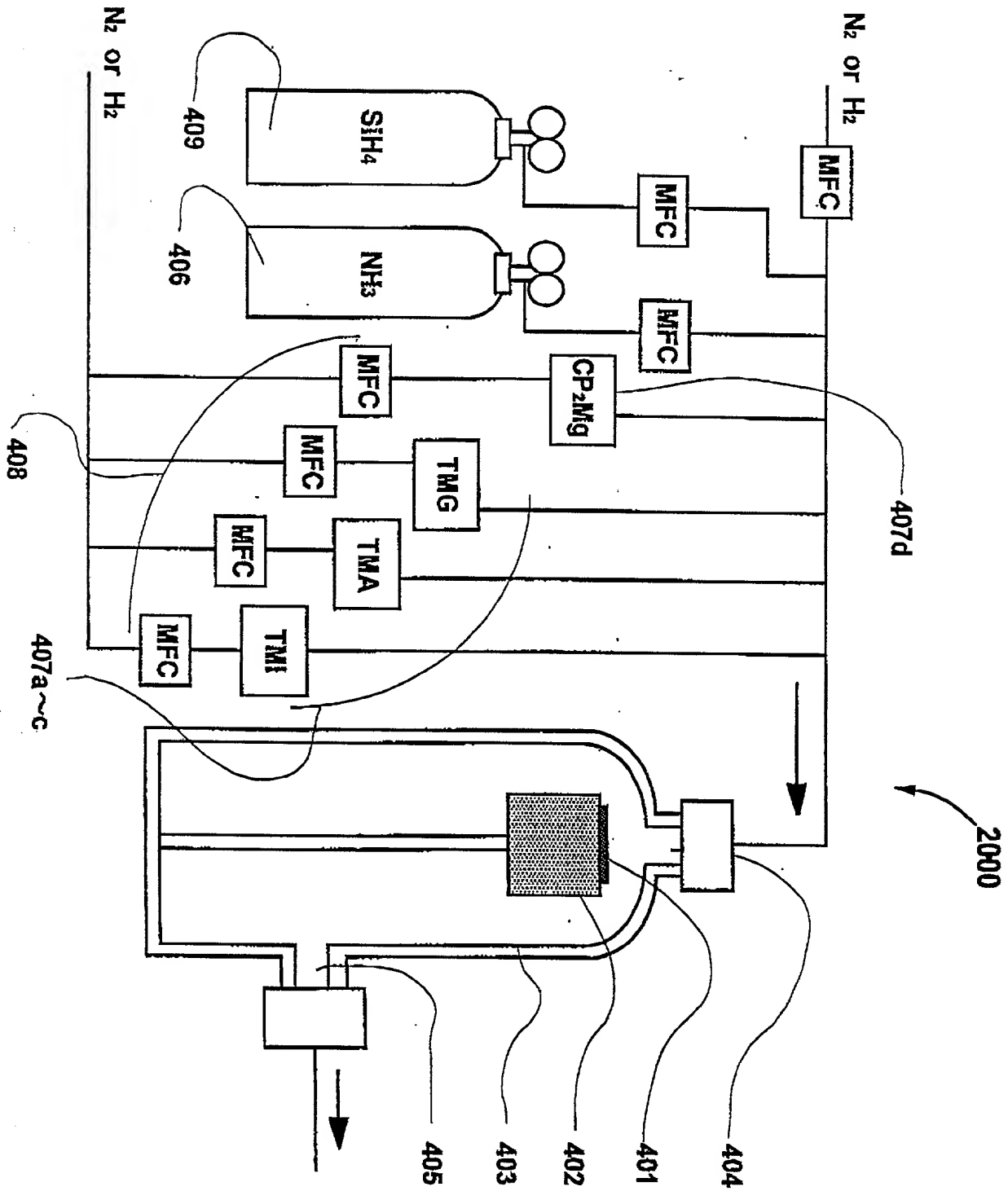


Figure 1 is a graph showing the hole density (cm⁻³) versus the tilting angle from the <0001> direction (deg) for two different crystal orientations: <-1-100> (filled circles) and <-1-1-20> (open circles). The hole density increases sharply as the tilting angle increases from 0 to about 1.5 degrees, then levels off. The <-1-100> orientation shows higher hole density than the <-1-1-20> orientation for angles greater than 1.5 degrees. An inset shows a schematic of the crystal structure with the tilting angle indicated.

TILTING ANGLE FROM <0001>[deg]

FIG. 7

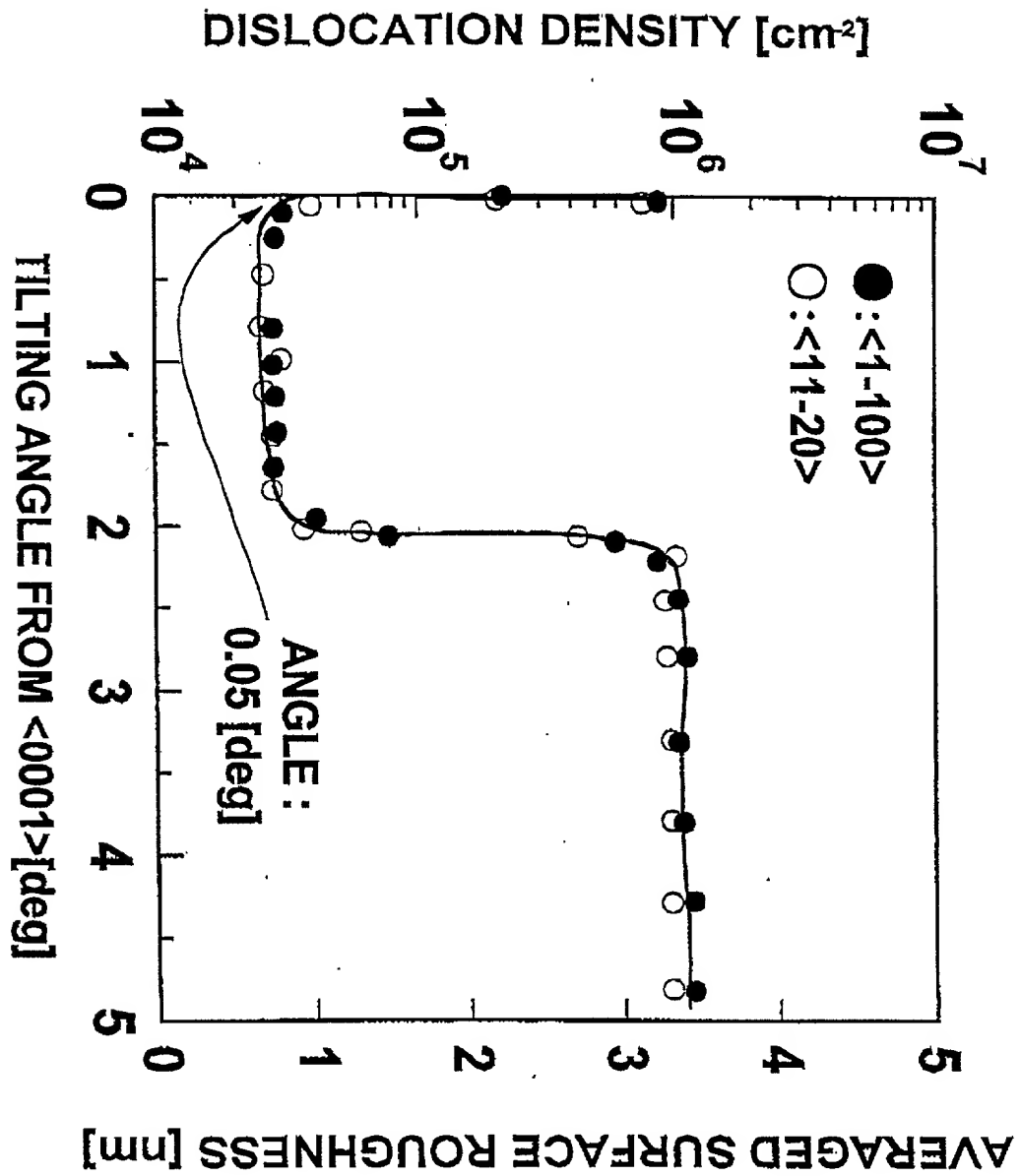


FIG. 8

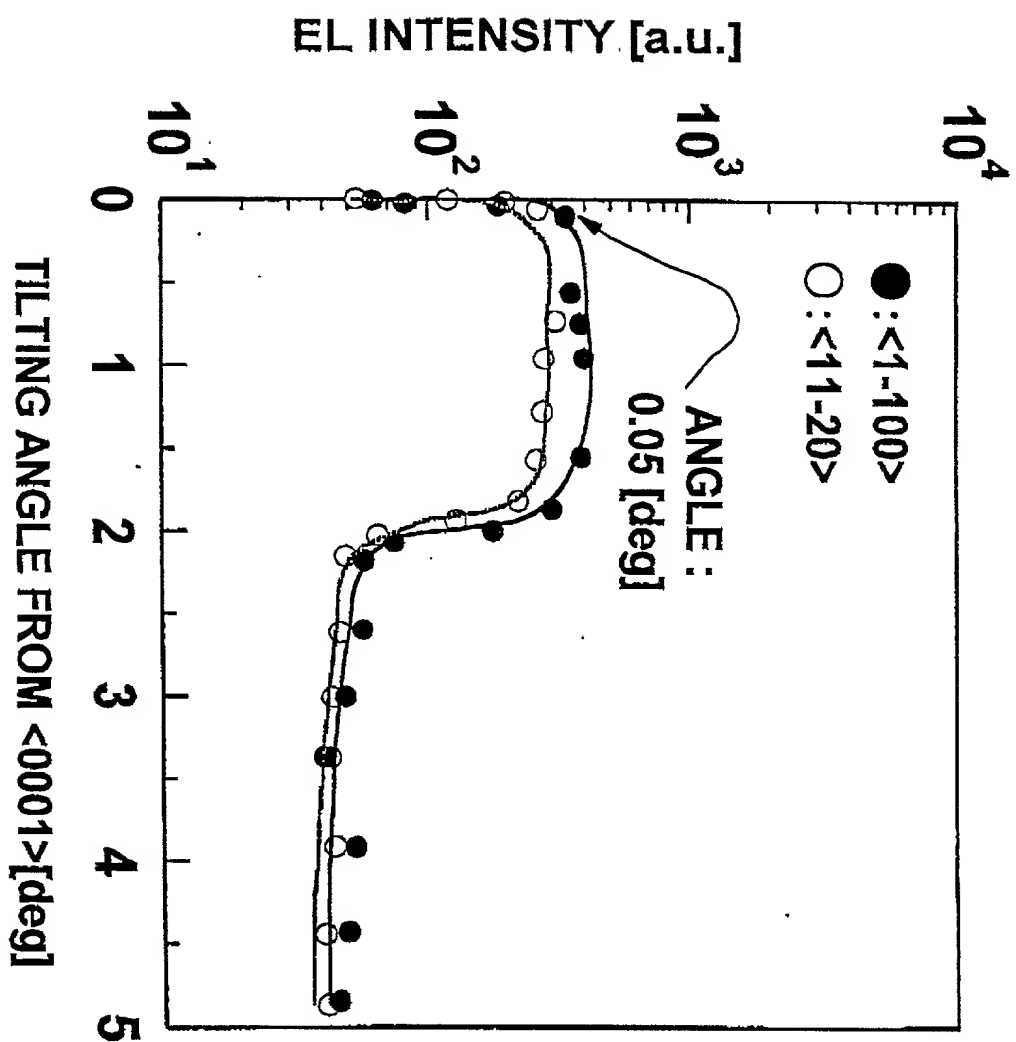


FIG. 10

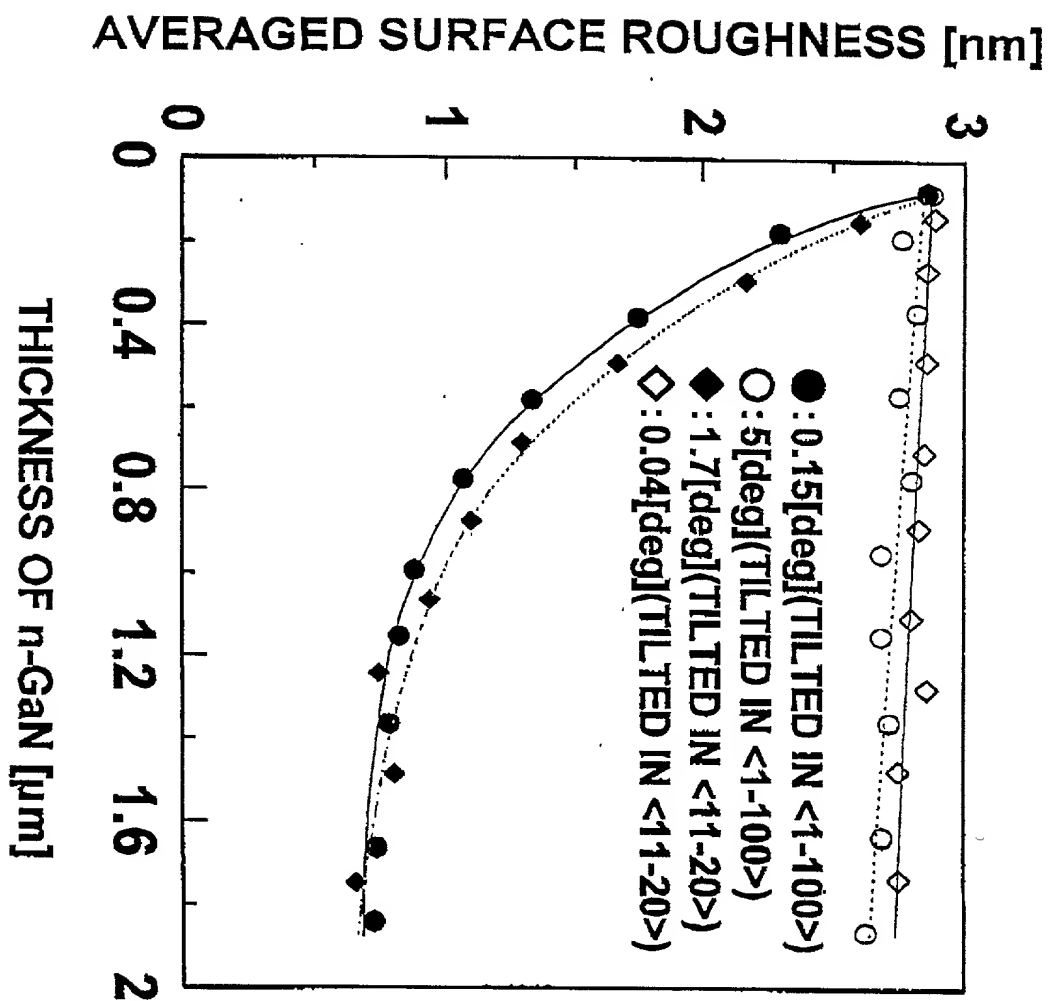


FIG. 11

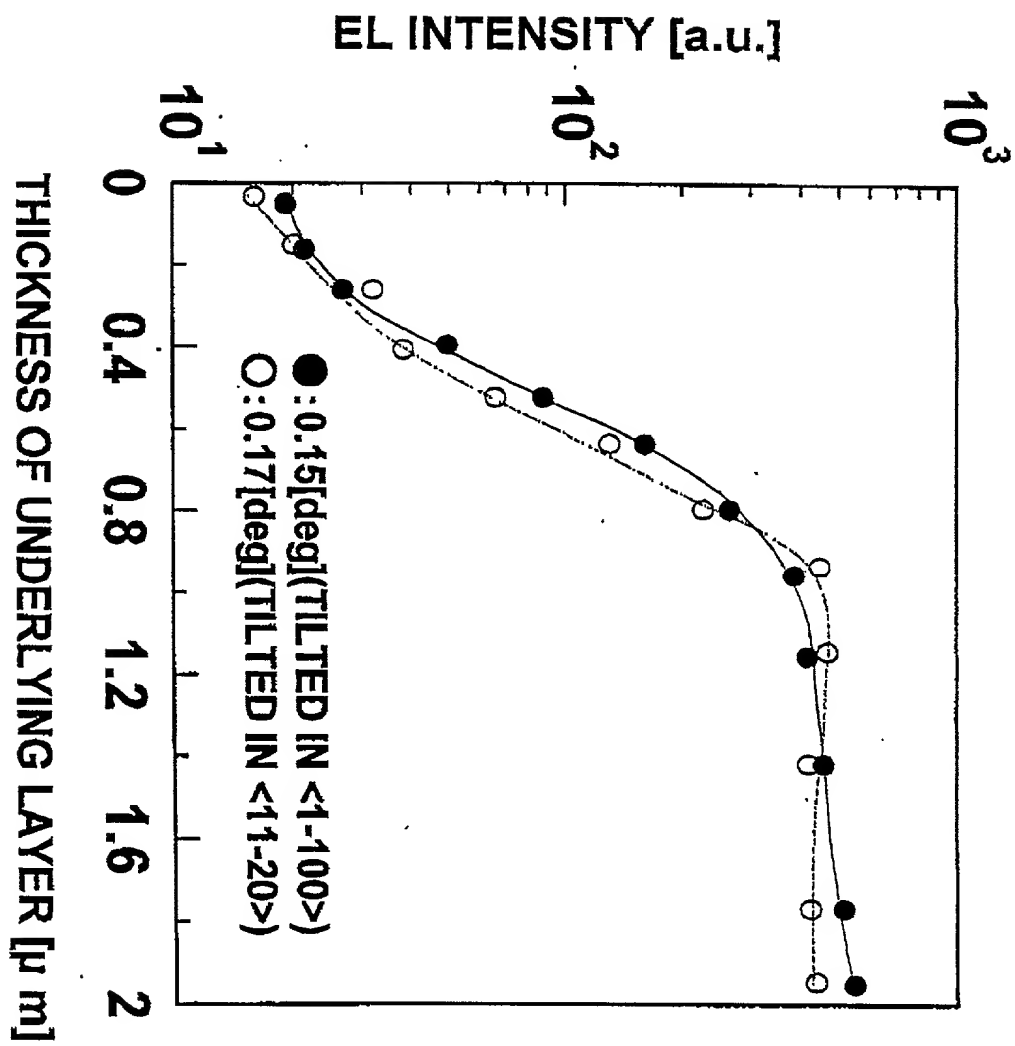


FIG. 12

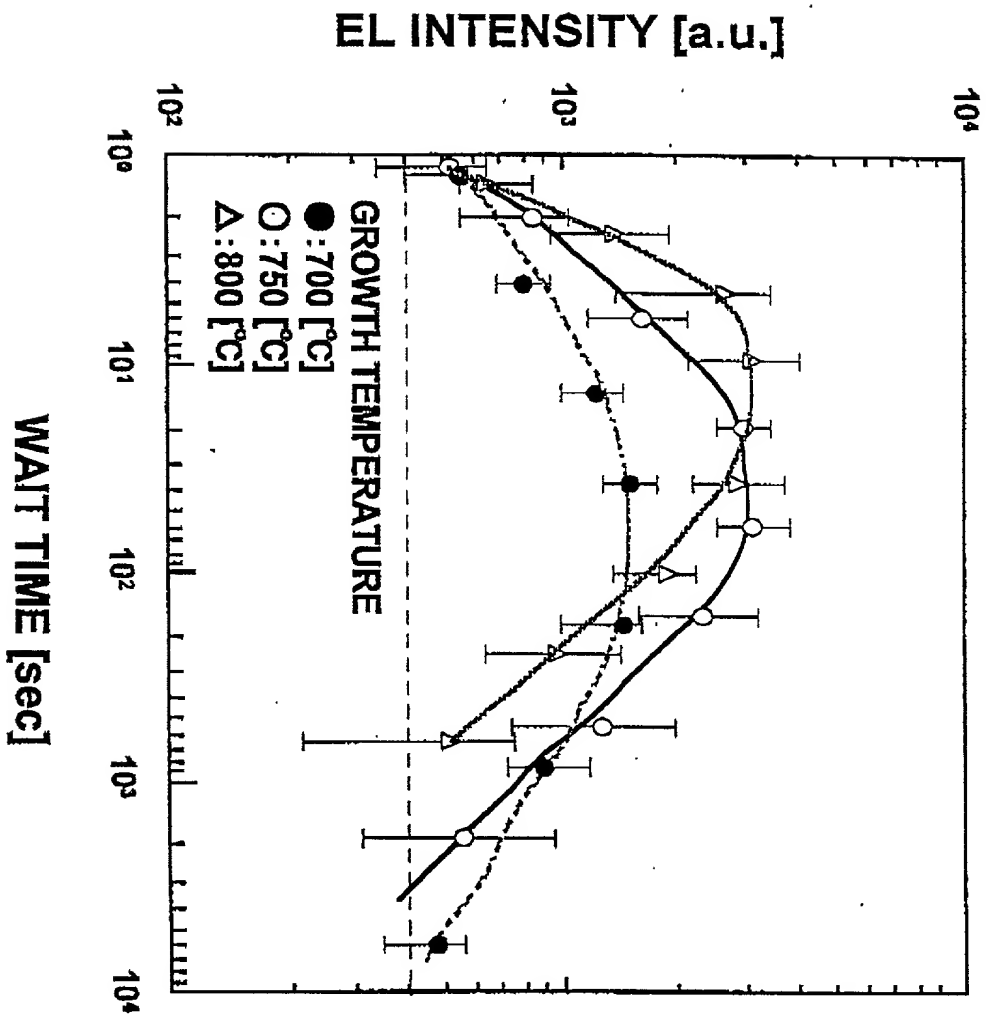
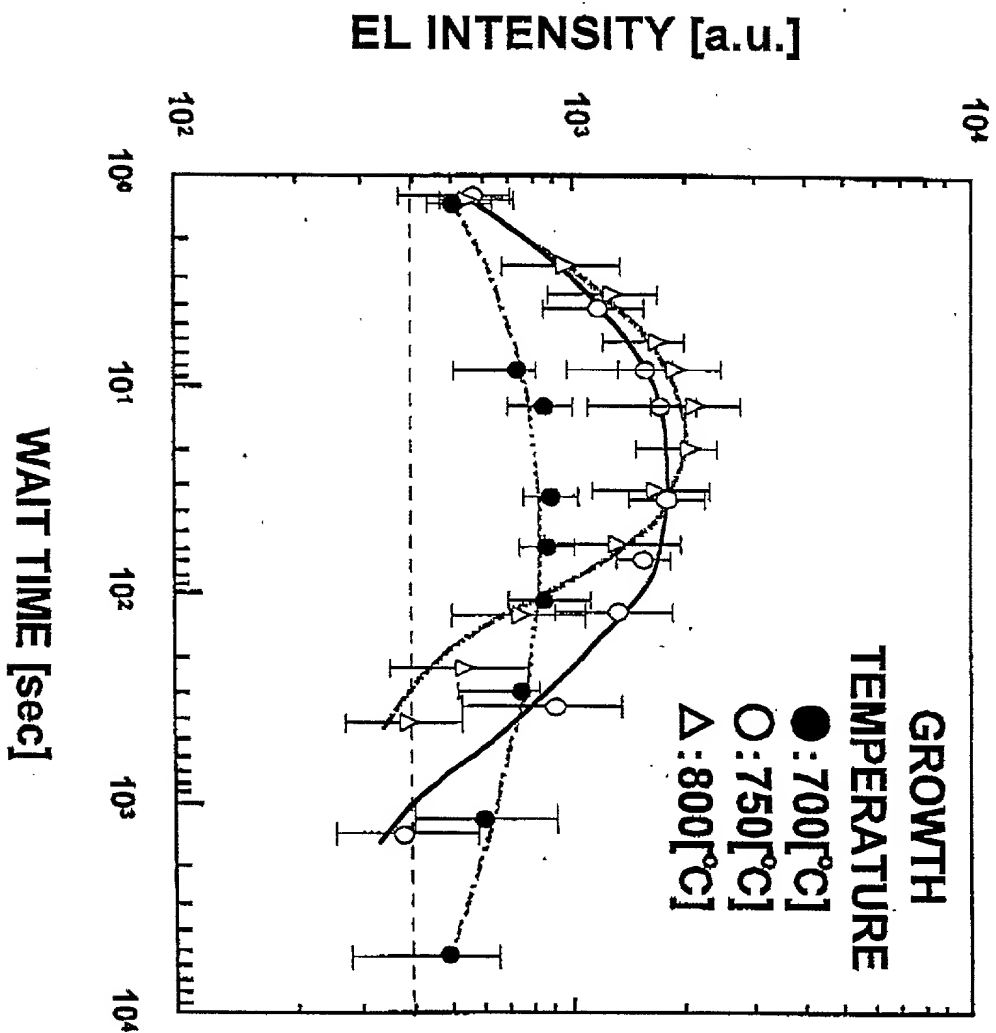


FIG. 13



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FIG. 14

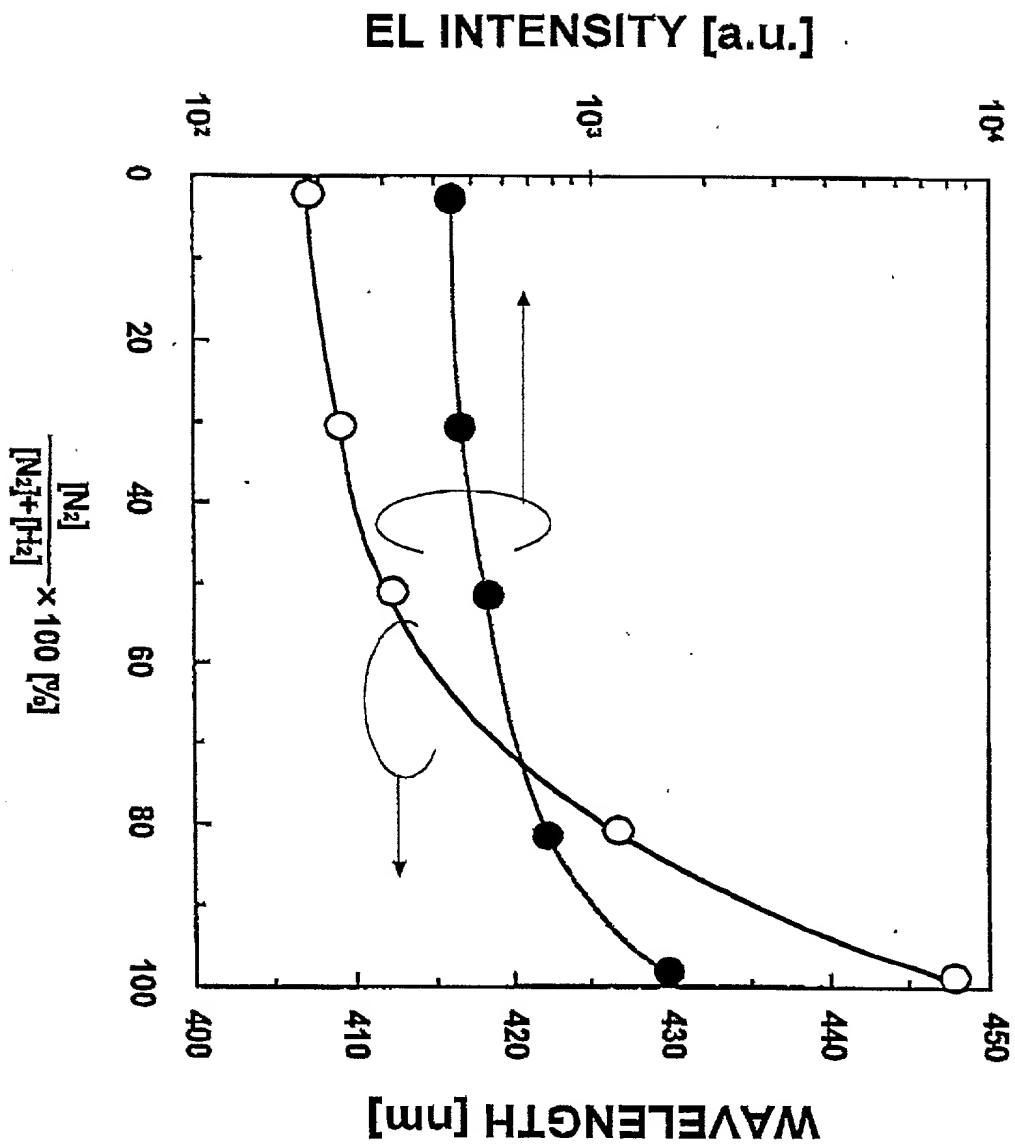


FIG. 15

